

JFI OM Gravel Road

29.914797° / -90.273984°

ST. Charles Parish, Louisiana

Phase I Environmental Due Diligence Audit



Prepared For:

U.S. Department of Transportation
Federal Aviation Administration
800 Independence Avenue, SW
Washington, DC 20591

Prepared By:

Lockheed Martin (NISC II)
400 Virginia Ave, SW
Suite 400
Washington, DC 20024
(202) 646-5681

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1.0 SUMMARY

Lockheed Martin (NISC II), in support of the Federal Aviation Administration (FAA), presents this Phase I Environmental Due Diligence Audit (EDDA) report for a gravel road used to access the decommissioned JFI Outer Marker, supporting Louis Armstrong Airport (MSY). The gravel road, hereafter referred to as the "Subject Property" for the purposes of this report, is owned by the Federal Aviation Administration.

This report serves as documentation of a Phase I EDDA for the Subject Property. The purpose of this audit is to exercise due diligence by evaluating potential environmental liabilities associated with the Subject Property. This audit was performed in accordance with ASTM Standard E-1527-05 and FAA Order 1050.19B.

Records were obtained from various agencies to gather historical information and documentation pertaining to potential environmental liabilities associated with the subject and surrounding properties. A database search of federal and state environmental records was performed to determine if neighboring or adjacent properties have the potential to adversely affect the Subject Property.

2.0 INTRODUCTION

2.1 Purpose

This EDDA was performed in accordance with the ASTM Standard E 1527-05 and FAA Order 1050.19B. The methodologies contained in these standards and orders include, among other things, interviews with individuals familiar with the Subject Property, site reconnaissance, and historical records review. Information obtained during the interviews and site reconnaissance was recorded and reviewed before it was included in this EDDA report. All information that was obtained during the site investigation and subsequently included within the EDDA is assumed to be reliable. Not all such information, however, is susceptible to independent verification. Data from additional government databases was obtained and reviewed using accepted industry standards and practices. The conclusions summarized herein are based on the limited observations and review described within this submittal at the time the Phase I EDDA was conducted. Future events at the site or the surrounding properties may alter these findings. The purpose of this investigation was to provide FAA with information regarding recognized environmental conditions relating to the Subject Property. According to ASTM Standard E 1527-05, no environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performing an EDDA in accordance with ASTM Standard E 1527-05 and FAA Order 1050.19B is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and both practices recognize reasonable limits of time and cost.

2.2 Detailed Scope of Services

A detailed site visit was conducted on December 9, 2009, and consisted of a visual survey of the gravel road providing access to the JFI OM and identification

of recognized environmental conditions. The purpose of the site visit was to identify areas such as manufacturing and process areas; chemical storage areas; waste storage areas; suspected disposal areas; subsurface structures such as drains, sumps, septic systems, and tanks; fuel storage areas; electrical equipment which may contain polychlorinated biphenyl's (PCBs); evidence of historical uses; and evidence of spills or potential releases of hazardous substances such as stressed vegetation and soil staining. Records were obtained from various agencies to gather historical information and documentation pertaining to potential environmental liabilities associated with the Subject Property and surrounding properties. A database search of federal and state environmental records was performed to determine if neighboring or adjacent properties have the potential to adversely affect the Subject Property.

2.3 Significant Assumptions

There are no significant assumptions associated with this EDDA.

2.4 Limitations and Exceptions

This EDDA was performed in accordance with the ASTM Standard E 1527-05 and FAA Order 1050.19B. The methodologies contained in these standards and orders include, among other things, interviews with individuals familiar with the Subject Property, site reconnaissance, and historical records review. Information obtained during the interviews and site reconnaissance was recorded and reviewed before it was included in this EDDA report. All information that was obtained during the site investigation and subsequently included within the EDDA is assumed to be reliable. Not all such information, however, is susceptible to independent verification. Data from additional government databases was obtained and reviewed using accepted industry standards and practices. The conclusions summarized herein are based on the limited observations and review described within this submittal at the time the Phase I EDDA was conducted. Future events at the site or the surrounding properties may alter these findings. The purpose of this investigation was to provide FAA with information regarding recognized environmental conditions relating to the Subject Property. According to ASTM Standard E 1527-05, no environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performing an EDDA in accordance with ASTM Standard E 1527-05 and FAA Order 1050.19B is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and both practices recognize reasonable limits of time and cost.

2.5 Special Terms and Conditions

The Environmental Professional is not aware of any special terms or conditions.

2.6 User Reliance

This report is the work of Lockheed Martin (NISCII), which has been produced in accordance with a specific contract between Lockheed Martin (NISCII) and its Client (FAA) who is represented by the party to whom this report is addressed.

Any reliance on or use of this report by any party other than the Client will be at such third party(s) risk, and no warranties or representations, expressed or implied, are made to any third party.

3.0 SITE DESCRIPTION

Site aerials of the subject and immediate adjoining properties are provided in Section 16.4.3.

3.1 Location and Legal Description

The gravel road is located in a rural setting off of LA HWY 90 in St. Charles Parish, Louisiana. Refer to the survey map in Section 16.2 (Site Plan) for a description.

Latitude (North): 29.91479 Longitude (West): 90.273984

Elevation: 3 ft. above sea level. Source: GeoCheck, EDR

3.2 Site and Vicinity General Characteristics

The gravel road is located in a rural setting off of LA HWY 90 in St. Charles Parish, Louisiana. The Subject Property is 12 miles from Metropolitan New Orleans. ~~It is three miles to the west of the nearest residential development.~~

Adjoining properties have been used for Type I (commercial), Type II (residential), and Type III (construction/demolition) landfills. The property is effectively still surrounded by landfills that are either currently operating or those which have been closed. Please see section 3.5 for additional information.

3.3 Current Use of the Property

The supported facility is decommissioned, and there is no need the road.

3.4 Description of Structures, Roads, Other Improvements on the site

The Subject Property consists of a metal swing gate at the entrance from LA HWY 90, a gravel road (approximately 20 feet wide X 160 feet length). There is a subterranean natural gas pipeline (operated by Gulf South Pipeline) running east/west under the gravel road.

3.5 Current Uses of the Adjoining Properties

A review of topographic maps, aerial photographs, a walk-through of the site, and interviews revealed that the majority of the areas immediately surrounding the Subject Property consist of industrial/residential landfills, a marina, and wetlands. The following boxed text describes the areas located north, east, south, and west of the Subject Property.

Neighboring Properties

North	<ul style="list-style-type: none"> - The Greater New Orleans Landfill, a closed Type I / Type II landfill, handled the disposal of industrial, commercial, and residential solid waste. It does not receive any new waste. The landfill permanently closed sometime in 1998. - The River Birch Landfill (2000 South Kenner Rd. Avondale, LA 70094) is a Type I / Type II landfill permitted under Louisiana Department of Environmental Quality (LDEQ) (Permit # P-0321R1) to handle the disposal of industrial, commercial, and residential solid waste. It has been in operation since at least 1993. - The Jefferson Parish Landfill (5800 LA HWY 90, Avondale, LA 70094) is a Type I / Type II landfill permitted under LDEQ (Permit # P-0297R1) to handle the disposal of industrial, commercial, and residential solid waste. It has been in operation since at least 1993.
East	<ul style="list-style-type: none"> - The River Birch Landfill (2000 South Kenner Rd. Avondale, LA 70094) is a Type I / Type II landfill permitted under LDEQ (Permit # P-0321R1) to handle the disposal of industrial, commercial, and residential solid waste. It has been in operation since at least 1993. - The Jefferson Parish Landfill (5800 LA HWY 90, Avondale, LA 70094) is a Type I / Type II landfill permitted under LDEQ (Permit # P-0297R1) to handle the disposal of industrial, commercial, and residential solid waste. It has been in operation since at least 1993. - The HWY 90 Construction & Demolition Landfill is a Type III permitted under LDEQ (Permit # P-0374) to handle the disposal of construction/demolition waste. - Jake's Auto Salvage (5901 LA HWY. 90, Avondale, LA 70094) is an active car crushing/salvaging business with literally thousands of vehicles on site. It is located 0.96 miles southeast of the Subject Property.
South	<ul style="list-style-type: none"> - Pier 90 Marina and Bar (10093 U.S. 90, Avondale, LA) is a marina and bar used by fishermen to enter Lake Cataouatche. No hazardous materials or gasoline/diesel tanks were observed on the premises. - Area 90 Landfill, a closed Type I / Type II landfill, handled the disposal of industrial, commercial, and residential solid waste. It does not receive any new waste. The landfill permanently closed sometime in 2003. Area 90 Landfill is 1.06 miles southeast of the Subject Property.
West	<ul style="list-style-type: none"> - The Greater New Orleans Landfill, a closed Type I / Type II landfill, handled the disposal of industrial, commercial, and residential solid waste. It does not receive any new waste. The landfill permanently closed sometime in 1998. - Sellers Canal (small body of water) and wetlands border the Subject Property to the west.

4.0 USER PROVIDED INFORMATION

The following sections describe the historical and present ownership of the site and its previous uses.

4.1 Title Records

According to records provided by the Real Estate & Utilities Group of the FAA, ASW-53, the Subject Property was obtained on or before January 24, 1972.

4.2 Environmental Liens or Activity and Use Limitations

There are no known environmental liens or activity and use limitations associated with the Subject Property.

4.3 Specialized Knowledge

No specialized knowledge or experience that is material to recognized environmental conditions in connection with the Subject Property was communicated by the FAA as part of this EDDA.

4.4 Commonly Known or Reasonably Ascertainable Information

Records were obtained from various agencies to gather historical information and documentation pertaining to potential environmental liabilities associated with the subject and surrounding properties. A database search of federal and state environmental records was performed to determine if neighboring or adjacent properties have the potential to adversely affect the Subject Property. Interviews were conducted with FAA employees who are familiar with the site and adjacent property.

4.5 Valuation Reduction for Environmental Issues

It is unknown whether the Subject Property values have been reduced due to environmental issues on-site or on adjacent properties.

4.6 Owner, Property Manager, and Occupant Information

The Federal Aviation Administration is the owner of the land on which the gravel road located on.

4.7 Reason for Performing Phase I

The EDDA was performed on the gravel road surrounding the JFI OM because the facility is decommissioned.

4.8 Other

There is no other User Provide Information provided.

5.0 RECORDS REVIEW

Records were reviewed from various federal, state, and local agencies to obtain information on potential environmental concerns that could impact the Subject Property. Lockheed Martin (NISC II) may have also obtained photographs and maps from these local agencies. A discussion of the federal, state, and local records review is provided in the following sections. Refer to Section 16.5 for the Environmental Data Resources, Inc. (EDR), Report.

5.1 Standard Environmental Record Sources

Federal and State Records

Based upon the records review and personal interviews, no environmental concerns were identified with respect to the Subject Property; however, there were environmental reports/permits associated with an adjacent property. The findings from the information reviewed for this EDDA includes the following:

- No documented spills or hazardous materials response incidents at Subject Property
- ~~No documentation or evidence of hazardous chemical use on the Subject Property~~
- No hazardous waste generators on the Subject Property

The databases listed below were among those searched by Environmental Data Resources, Inc. (EDR) for this EDDA. Detailed information contained in these databases and a complete list of all databases searched is included in the EDR Reports in Appendix 16.

- CERCLIS, NPL and NFRAP
- State Hazardous Waste Sites (SHWS)
- Resource Conservation and Recovery Act Review (RCRA)
- Registered Underground Storage Tanks (UST)
- Leaking Underground Storage Tanks (LUST)
- Hazardous Materials Incident Report System (HMIRS)
- Toxic Release Inventory System (TRIS)
- Toxic Substances Control Act (TSCA)
- RCRA Administration Tracking System
- FIFRA/TSCA Tracking System
- Registered Aboveground Storage Tanks (AST)
- Leaking Tanks Database (LTANKS)
- Material Licensing Tracking System (MLTS)
- Solid Waste Landfills, Incinerators, and Transfer Stations
- Emergency Response Notification System Review (ERNS)
- Mining, Oil and Gas Operations

- Spills

5.2 Additional Environmental Record Sources

Local Records

Lockheed Martin (NISC II) reviewed pertinent local files and conducted interviews with FAA personnel (Jesse Lopez, FAA SECM) on December 21, 2009. Interviews with FAA System Support personnel for the facility and the FAA regional real estate point of contact were also conducted by Environmental Professional. Other information was compiled using Internet sources as described in this section.

National Wetlands Inventory and Flood Insurance Rate Maps

A wetlands map was obtained from the National Wetlands Inventory (NWI) website (<http://wetlands.fws.gov/>). A review of the NWI Map indicates that wetlands are located on the Subject Property and classified as PFO1Cd (Palustrine forested, broad leaved deciduous, and partially drained/ditched) wetland.

The Flood Insurance Rate Maps (FIRM) were obtained from the Federal Emergency Management Agency (FEMA) website, <http://www.fema.gov/maps.shtm>. According to the map, the site lies within zone AE, which are areas determined to be of High Risk. The site is inside of a 100 year floodplain.

A review of information provided in the Natural Resource Conservation Web Soil Survey website, <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>, indicate the soils for the Subject Property consist primarily of mucky clay. Section 5.4 of this report provides a detailed discussion on the soils of the Subject Property.

5.3 Physical Setting Source(s)

The Subject Property is located off of LA HWY 90, in St. Charles Parish in a wetlands surrounding. All sources for Physical Settings can be found in Sections 5.2 and 5.4 (Soil Survey Review).

5.4 Historical Use Information on the Property

Topographic Map Review

As a part of the investigation of the Subject Property, the U.S. Geological Survey (USGS) topographic maps for 1998 and 2005 were obtained from EDR. Copies of the topographic maps are provided in Section 16.

Topographic Map Direction and Description

Map Year	Direction	Description
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1891	Subject Property	The gravel road surrounding the JFI OM has not been built yet. The Subject Property is an undisturbed wetland.
	North	The area is labeled as wetlands.
	East	The area is labeled as wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as wetlands.
1938	Subject Property	The gravel road surrounding the JFI OM has not been built yet. The Subject Property is an undisturbed wetland.
	North	The area is labeled as wetlands.
	East	The area is labeled as wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as wetlands.
1967	Subject Property	The gravel road surrounding the JFI OM has not been built yet. The Subject Property is an undisturbed wetland.
	North	The area is labeled as wetlands.
	East	The area is labeled as wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as wetlands.
1972	Subject Property	The gravel road is not recognized by the USGS. The USGS recognizes the gravel road in 1998.
	North	The area is labeled as a developed land.
	East	The area is labeled as wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as wetlands.
1979	Subject Property	The gravel road is not recognized by the USGS. The USGS recognizes the gravel road in 1998.
	North	The area is labeled as a developed land.
	East	The area is labeled as wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as wetlands.
1989	Subject Property	The gravel road is not recognized by the USGS. The USGS recognizes the gravel road in 1998.
	North	The area is labeled as a developed land.

	East	The area is labeled as a mix of developed land and wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as a mix of developed land and wetlands.
1992	Subject Property	The gravel road is not recognized by the USGS. The USGS recognizes the gravel road in 1998.
	North	The area is labeled as a developed land.
	East	The area is labeled as a mix of developed land and wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as a mix of developed land and wetlands.
1998	Subject Property	The gravel road is recognized in the map.
	North	The area is labeled as a developed land.
	East	The area is labeled as a mix of developed land and wetlands.
	South	The area is labeled as wetlands.
	West	The area is labeled as a mix of developed land and wetlands.

Aerial Photography

As a part of the investigation of the Subject Property, historical aerial photographs were obtained from EDR for the years 1952, 1965, 1972, 1983, 1995, 1998, 2005, and 2006. These aerial photographs of the Subject Property were reviewed to determine the historical land use of the Subject Property and the surrounding areas. A discussion of the information extracted from the aerial photographs' is provided in the following table. Refer to Section 16 for reproductions of the aerial photographs.

Aerial Photograph Direction and Description

Aerial Photograph Year	Direction	Description
1952	Subject Property	The gravel road surrounding the JFI OM has not been built yet. The Subject Property is an undisturbed wetland.
	North	Wetlands are present on the adjoining north side of the Subject Property.
	East	Wetlands are present on the adjoining east side of the Subject Property.

	South	LA HWY 90 is present on adjoining south side of the Subject Property. Wetlands are present further south of LA HWY 90.
	West	Wetlands are present on the adjoining west side of the Subject Property.
1965	Subject Property	The gravel road surrounding the JFI OM has not been built yet. The Subject Property is an undisturbed wetland.
	North	Construction activity can be seen preparing the adjoining north side of the Subject Property to be used as a landfill.
	East	Construction activity can be seen preparing the adjoining east side of the Subject Property to be used as a landfill.
	South	LA HWY 90 is present on adjoining south side of the Subject Property. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	Construction activity can be seen preparing the adjoining west side of the Subject Property to be used as a landfill. Sellers Canal (small body of water) and wetlands border the JFI OM to the west.
1972	Subject Property	The gravel road surrounding the JFI OM is present in the aerial photograph.
	North	What seems to be the Greater New Orleans Landfill appears to be operational.
	East	Wetlands and possibly the development of a future landfill can be observed.
	South	LA HWY 90 is present on adjoining south side of the Subject Property. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	What seems to be the Greater New Orleans Landfill appears to be operational.
1983	Subject Property	The gravel road surrounding the JFI OM is present in the aerial photograph.
	North	What seems to be the Greater New Orleans Landfill appears to be operational.
	East	What seems to be the initial construction of River Birch Landfill and Jefferson Parish Landfill is visible
	South	Area 90 Landfill is in operation. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	What seems to be the Greater New Orleans Landfill appears to be operational.
1995	Subject Property	The gravel road surrounding the JFI OM is present in the aerial photograph.

	North	Greater New Orleans Landfill and River Birch Landfill are present.
	East	Jefferson Parish Landfill is present.
	South	Area 90 Landfill is in operation. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	What seems to be the Greater New Orleans Landfill appears to be operational.
1998	Subject Property	The gravel road surrounding the JFI OM is present in the aerial photograph.
	North	Greater New Orleans Landfill and River Birch Landfill are present.
	East	Jefferson Parish Landfill is present.
	South	Area 90 Landfill is in operation. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	What seems to be the Greater New Orleans Landfill appears to be operational.
2005	Subject Property	The gravel road surrounding the JFI OM is present in the aerial photograph.
	North	Greater New Orleans Landfill and River Birch Landfill are present.
	East	Jefferson Parish Landfill is present.
	South	Area 90 Landfill is in operation. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	What seems to be the Greater New Orleans Landfill appears to be operational.
2006	Subject Property	The gravel road surrounding the JFI OM is present in the aerial photograph.
	North	Greater New Orleans Landfill and River Birch Landfill are present.
	East	Jefferson Parish Landfill is present.
	South	Area 90 Landfill is in operation. Pier 90 (marina) and wetlands are present further south of LA HWY 90.
	West	What seems to be the Greater New Orleans Landfill appears to be operational.

Soil Survey Review

The gravel road surrounding the JFI OM is located entirely on the following soil:

- Soil Component Name: Barbary Muck

- Depth to Watertable Min: 6 inches
- Depth to Bedrock Min: > 84 inches
- Corrosion Potential - Uncoated Steel: High
- Hydric Status: Hydric 2B3, 3,4: Soil is Aquic suborder (2), Poorly drained (B), water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches (3), Soils are frequently ponded for long or very long duration during the growing season (3), Soils are flooded for long or very long duration during the growing season (4).
- Soil Drainage Class: Very poorly drained
- Hydrologic Group: D
- Soil Surface Texture: muck, mucky clay

See EDR Radius Report, Physical Setting Summary, for complete soil survey report.

5.5 Historical Use Information on Adjoining Properties

Adjoining properties have been used for Type I (commercial), Type II (residential), and Type III (construction/demolition) landfills. The property is effectively still surrounded by landfills that are either currently operating or those which have been closed.

6.0 SITE RECONNAISSANCE

On December 9, 2009, Lockheed Martin (NISC II) conducted a site inspection of the Subject Property and adjacent properties to determine their environmental condition. See Section 16 to review the site map/aerials. The following sections are based on observations made by Lockheed Martin (NISC II) during the site inspection.

6.1 Methodology and Limiting Conditions

There were no limiting conditions present on the Subject Property at the time of the site visit.

6.2 General Site Setting

The gravel road surrounding the JFI OM is located off of LA HWY 90 in St. Charles Parish, Louisiana. The site is located in a wetlands area south of two landfills. The topography appeared to be flat with a slight gradual slope down to the north. The property is located in a wetland, according to the National Wetlands Inventory and located in the FEMA 100 year flood plain as a HIGH RISK. The soil consists of a Barbary Muck, which is listed as a hydric (wetland) soil. See Section 5.2 for a more detailed description of the General Setting.

6.3 External Observations

There is a subterranean natural gas pipeline controlled by Gulf South located 75 feet south from JFI OM building running east/west under the gravel road. This

pipeline does not hinder the approach or access to the Subject Property. All vegetation and parking areas were unstained. The vegetation surrounding the gravel road (grass, small shrubs, and wetland vegetation) were all in healthy condition. The site visit did not identify any manufacturing and process areas; chemical storage areas; waste storage areas; suspected disposal areas; subsurface structures such as drains, sumps, septic systems, and tanks; fuel storage areas; electrical equipment which may contain polychlorinated biphenyl's (PCBs); evidence of historical uses; and evidence of spills or potential releases of hazardous substances such as stressed vegetation and soil staining other than what is detailed in Section. 6.2.

6.4 Interior Observations

Not Applicable

7.0 INTERVIEWS

7.1 Interview with Owner

Terry Van Horn from the Real Estate & Utilities Group of the FAA, ASW-53, was able to provide survey maps for this facility. He was unaware of any other information about the facility.

7.2 Interview with Site Manager

Valdrie Buford (NEW SSC Manager) refused to comment on the Subject Property. The Subject Property is under Valdrie Buford's Management.

7.3 Interviews with Occupants

The FAA has decommissioned the supported facility. There are no FAA technicians using the Subject Property premises.

7.4 Interviews with Local Government Officials

Detailed and comprehensive database searches (see EDR report Section 16.5) query all available EHS databases, including Federal, State and Local searches. No further information was available that would indicate any adverse environmental condition at the site or on adjacent properties.

7.5 Interviews with Others

An interview was done with Jesse Lopez (FAA SECM, I90 District) was conducted on December 21, 2009. See Section 16.6.

8.0 FINDINGS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of the applicable ASTM, of the gravel road, (29.914797° / -90.273984°), in St. Charles Parish, Louisiana. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

9.0 OPINIONS

There is no indication that FAA operations on the Subject Property have caused any adverse environmental affects. Also, there is no indication that FAA activities on the Subject Property have contributed to any environmental concerns on adjacent properties.

10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 on the gravel road, located at 29.914797° / -90.273984°, in St. Charles Parish, Louisiana. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- See the list of Findings in Section 8.0.

11.0 DEVIATIONS

This EDDA was performed with no deletions or deviations from ASTM Standard E 1527-05 and FAA Order 1050.19B, except as specified in Section 12.0.

12.0 ADDITIONAL SERVICES

12.1 Asbestos

Not Applicable

12.2 Lead

Not Applicable

12.3 Radon

Not Applicable

12.4 Historic Value

The National Historic Preservation Act (NHPA), as amended in 16 United States Code (USC) 470, is the fundamental law for the protection, rehabilitation, restoration and reconstruction of cultural resources. Section 106 of this Act requires that federal agencies take measures to protect properties eligible for or included in the National Register of Historic Places (NRHP). Other statutes, such

as the Archaeological Resources Protection Act (16 USC 470aa-470ii), protect non-structural properties of historic importance. Research indicates that the Subject Property does not contain any structures or areas that qualify for protection as related to the above-referenced statutes. During the site visit, no such NRHP sites were observed. A review of the NRHP for St. Charles Parish did not reveal any information to suggest that the Subject Property would be covered under the above-referenced statutes

13.0 REFERENCES

Information for this report was obtained from EDR Inc. database search, On-site interviews, various and regularly available government databases.

ASTM International, Designation E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process

EDR, Environmental Resources

Soil Survey Staff. Web Soil Survey of St. Charles Parish. Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey: "http://websoilsurvey.nrcs.usda.gov/app/"

Wetlands Survey Staff. Web Wetland Survey of St. Charles Parish. Department of Fish and Wildlife Service, United States Department of the Interior. Web Wetland Mapper: "http://www.fws.gov/wetlands/data/Mapper.html"

14.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

This EDDA was performed in accordance with ASTM Standard 1527 and FAA Order 1050.19B. The methodologies contained in these standards and orders include, among other things, interviews with individuals familiar with the Subject Property, site reconnaissance and historical records review. Information obtained during the interviews and site reconnaissance was recorded and reviewed before being included in this EDDA report. All information obtained during the site investigation and subsequently included within the EDDA is assumed to be reliable. The purpose of this investigation is to provide FAA with information regarding any existing or potential environmental concerns on or surrounding the audit site. The following signature attests to these statements:



SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

2-16-2010

Date: